CURRENT CLAIMS

None of the claims in this application are amended herein. The current claims are reproduced below for the Examiner's convenience.

1	1. (Previously Presented) A computer-implemented method for combining
2	least two overlapping layers to render an image, the image containing a plurality o
3	image pixels, each overlapping layer containing a plurality of layer pixels, each lay
4	pixel corresponding to one of the image pixels, wherein each layer pixel has an opa
5	ity value and wherein at least one of the overlapping layers has a fade value that
6	specifies an overall opacity of the at least one of the overlapping layers, the method
7	comprising:
8	a') defining a tile, the tile comprising a subset of the image pixels
9	delimited according to an area of overlap among a set of at lea
10	two layers, so that a first portion of the image lies within the ti
11	and a second portion of the image lies outside the tile; and
12	a) processing the first portion of the image distinctly from the sec
13	ond portion of the image by, for at least one image pixel in the
14	defined tile:
15	a.1) initializing an accumulator color value and an accumula
16	tor opacity value;

17	a.2)	selecting one of the layers in the set of at least two layers,
18		the selected layer having a layer pixel corresponding to
19		the image pixel, the layer pixel having a color value;
20	a.3)	compositing the color value of the layer pixel with the ac-
21		cumulator color value, and compositing at least one of the
22		opacity value of the layer pixel and the fade value of the
23		selected layer with the accumulator opacity value;
24	a.4)	storing the accumulator color value and the accumulator
25		opacity value resulting from a.3);
26	a.5)	determining whether layer pixels for any remaining lay-
27		ers in the set of at least two layers should be processed;
28	a.6)	responsive to a.5) indicating that layer pixels for any re-
29		maining layers should be processed, repeating a.2) to a.6)
30		and
31	a.7)	outputting the accumulator color value;
32	wherein, for	each defined tile, the set of layers that overlap within the
33	tile is	homogenous throughout the entirety of the tile.

- 2. (Previously Presented) The method of claim 1, wherein a.5) comprises determining whether the accumulator opacity value indicates full opacity.
 - 3. (Original) The method of claim 1, wherein a.2) comprises selecting a topmost remaining layer in the set of at least two layers.

4. (Previously Presented) The method of claim 1, wherein a.7) comprises out-1 putting the accumulator color value to a frame buffer. 2 5. (Original) The method of claim 1, further comprising: 1 b) displaying the image. 2 6. (Original) The method of claim 1, further comprising: 1 b) repeating a) for each image pixel in the defined tile. 2 7. (Original) The method of claim 1, wherein a) comprises performing a.1) 1 through a.7) for at least two image pixels concurrently. 2 8. (Previously Presented) The method of claim 1, further comprising: 1 b) concurrently with a), for a second image pixel in the defined tile: b.1) initializing a second accumulator color value; 3 b.2) selecting one of the layers in the set of at least two layers, the se-4 lected layer having a second layer pixel corresponding to the 5 second image pixel, the second layer pixel having a color value; 6 b.3) compositing the color value of the second layer pixel with the 7 second accumulator color value; 8 b.4) storing the second accumulator color value resulting from b.3); 9 b.5) determining whether layer pixels for any remaining layers in the 10

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set of at least two layers should be processed;

12	D.6)	responsive to 6.5) indicating that layer pixels for any remaining
13	,	layers should be processed, repeating b.2) to b.6); and
14	b.7)	outputting the second accumulator color value.
1	9. (Original)	The method of claim 1, wherein at least one of the layers in the
2	set of at least two lay	vers is non-rectangular.
1	10. (Previous	ly Presented) The method of claim 1, wherein at least one pixel
2	of at least one of the	layers in the set of at least two layers is transparent, and wherein
3	compositing the colo	or value of the layer pixel with the accumulator color value in a.3)
4	comprises:	·
5	a.3.1)	responsive to the layer pixel being transparent, retaining the ac-
6		cumulator color value; and
7	a.3.2)	responsive to the layer pixel not being transparent, compositing
8		the color value of the layer pixel with the accumulator color
9		value.
1	11. (Original)	The method of claim 1, further comprising:
2	b') rep	eating a') and a) for at least one second defined tile.
1	12. (Original)	The method of claim 1, wherein each layer comprises a win-
2	dow, and wherein th	ne image comprises a display for a windowing system.
1	13. (Original)	The method of claim 1, wherein a first one of the layers in the
2	set overlaps a second	d one of the layers in the set, and wherein each layer comprises

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- 3 bounds defined by edges, and wherein at least one edge of the first layer lies within
- the bounds of the second layer, and wherein a') comprises:
- subdividing the second layer along a line corresponding to an extension of the at least one edge of the first layer that lies within the bounds of the second layer.
- 14. (Previously Presented) The method of claim 1, wherein a.3) comprises 2 compositing the color value of the layer pixel with the accumulator color value using 3 at least one of the opacity value of the layer pixel, the fade value of the selected layer 4 and the accumulator opacity value.
- 1 15. (Previously Presented) A system for combining at least two overlapping layers to render an image, the image containing a plurality of image pixels, each 2 overlapping layer containing a plurality of layer pixels, each layer pixel corresponding to one of the image pixels, wherein each layer pixel has an opacity value and 4 wherein at least one of the overlapping layers has a fade value that specifies an over-5 all opacity of the at least one of the overlapping layers, the system comprising: 6 a tile subdivider, for defining a tile, the tile comprising a subset of the 7 image pixels delimited according to an area of overlap among a 8 set of at least two layers, so that a first portion of the image lies 9 within the tile and a second portion of the image lies outside the 10

tile;

12	one of more accumulators, for minanzing an accumulator color value
13	and an accumulator opacity value for at least one image pixel in
14	the defined tile;
15	a layer selector, coupled to the tile subdivider, for successively selecting
16	each of at least a subset of the layers in the set of at least two lay-
17	ers, each selected layer having a layer pixel corresponding to the
18	image pixel, the layer pixel having a color value;
19	a compositor coupled to the layer selector and to the one or more ac-
20	cumulators, for, for each successively selected layer, compositing
21	the color value of the layer pixel with the accumulator color
22	value, and compositing at least one of the opacity value of the
23	layer pixel and the fade value of the selected layer with the ac-
24	cumulator opacity value, and storing the results in the one or
25	more accumulators; and
26	an output device, coupled to the one or more accumulators, for output-
27	ting the accumulator color value;
28	wherein in combining the overlapping layers, the one or more accumu-
29	lators, the layer selector, and the compositor process the first
30	portion of the image distinctly from the second portion of the
31	image;
32	wherein, for each defined tile, the set of layers that overlap within the
33	tile is homogenous throughout the entirety of the tile.

- 16. (Previously Presented) The system of claim 15, wherein the subset of
- 2 overlapping layers selected by the layer selector is determined responsive to a com-
- 3 parison of the accumulator opacity value with a full opacity value.
- 17. (Original) The system of claim 15, wherein the layer selector successively
- selects layers by selecting a topmost remaining layer in the set of at least two layers.
- 18. (Previously Presented) The system of claim 15, wherein the output device
- 2 outputs the accumulator color value to a frame buffer.
- 19. (Original) The system of claim 15, further comprising a display device,
- 2 coupled to the output device, for displaying the image.
- 20. (Previously Presented) The system of claim 15, wherein each of the layer
- selector, compositor, one or more accumulators, and output device operates on each
- 3 image pixel in the defined tile.
- 21. (Previously Presented) The system of claim 15, wherein the layer selector,
- 2 compositor, one or more accumulators, and output device each operate on at least
- 3 two image pixels concurrently.
 - 22. (Previously Presented) The system of claim 15, wherein:
- one of the one or more accumulators initializes a second accumulator
- 3 color value for a second image pixel in the defined tile;

4	the layer selector, concurrently with successively selecting each of at
5	least a subset of the layers in the set of at least two layers having
6	a layer pixel corresponding to the first image pixel, selects one of
7	the layers in the set of at least two layers having a second layer
8	pixel corresponding to the second image pixel, the second layer
9	pixel having a color value;
10	the compositor, concurrently with compositing the first color value of
11	the layer pixel with the accumulator color value, composites the
12	color value of the second layer pixel with the second ac-
13	cumulator color value and stores the result in the one of the one
14	or more accumulators; and
15	the output device outputs the second accumulator color value.

- 23. (Original) The system of claim 15, wherein at least one of the layers in the set of at least two layers is non-rectangular.
- 24. (Original) The system of claim 15, wherein at least one pixel of at least one of the layers in the set of at least two layers is transparent, and wherein the compositor:
- responsive to the layer pixel being transparent, retains the accumulator color value; and
- responsive to the layer pixel not being transparent, composites the color value of the layer pixel with the accumulator color value.

25. (Previously Presented) The system of claim 15, who	егеш
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the tile subdivider defines as a second tile a second area of overlap between a second set of at least two layers, the tile comprising a second subset of the image pixels;

one of the one or more accumulators initializes a second accumulator
color value for at least one image pixel in the second defined tile;
the layer selector successively selects each of at least a subset of the layers in the second set of at least two layers, each selected layer
having a layer pixel corresponding to the image pixel, the layer
pixel having a color value;

the compositor, for each successively selected layer, composites the color value of the layer pixel with the second accumulator color value and stores the result in one of the one or more accumulators; and

the output device outputs the second accumulator color value.

- 26. (Original) The system of claim 15, wherein each layer comprises a window, and wherein the image comprises a display for a windowing system.
- 27. (Original) The system of claim 15, wherein a first one of the layers in the set overlaps a second one of the layers in the set, and wherein each layer comprises bounds defined by edges, and wherein at least one edge of the first layer lies within the bounds of the second layer, and wherein the tile subdivider subdivides the sec-

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- ond layer along a line corresponding to an extension of the at least one edge of the
- 6 first layer that lies within the bounds of the second layer.
- 28. (Previously Presented) The system of claim 15, wherein the compositor
 composites the color value of the layer pixel with the accumulator color value using
 at least one of the opacity value of the layer pixel, the fade value of the selected layer
 and the accumulator opacity value.
- 29. (Previously Presented) A computer program product comprising a com-1 puter-usable medium having computer-readable code embodied therein for combin-2 ing at least two overlapping layers to render an image, the image containing a plu-3 rality of image pixels, each overlapping layer containing a plurality of layer pixels, 4 each layer pixel corresponding to one of the image pixels, wherein each layer pixel 5 6 has an opacity value and wherein at least one of the overlapping layers has a fade value that specifies an overall opacity of the at least one of the overlapping layers, the 7 8 computer program product comprising:

computer-readable program code devices configured to cause a computer to define a tile, the tile comprising a subset of the image pixels delimited according to an area of overlap among a set of at least two layers, so that a first portion of the image lies within the tile and a second portion of the image lies outside the tile; and

computer-readable program code devices configured to cause a computer to process the first portion of the image distinctly from the

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17	second portion of the image by, for at least one image pixel in
18	the defined tile:
19	initializing an accumulator color value and an accumulator
20	opacity value;
21	selecting one of the layers in the set of at least two layers, the se-
22	lected layer having a layer pixel corresponding to the im-
23	age pixel, the layer pixel having a color value;
24	compositing the color value of the layer pixel with the accu-
25	mulator color value, and compositing at least one of the
26	opacity value of the layer pixel and the fade value of the
27	selected layer with the accumulator opacity value;
28	storing the accumulator color value and the accumulator opacity
29	value resulting from the compositing;
30	determining whether layer pixels for any remaining layers in the
31	set of at least two layers should be processed;
32	responsive to the determination indicating that layer pixels for
33	any remaining layers should be processed, repeating the
34	initializing, selecting, compositing, storing, and determin-
35	ing steps; and
36	outputting the accumulator color value;
37	wherein, for each defined tile, the set of layers that overlap within the
38	tile is homogenous throughout the entirety of the tile.

- 30. (Previously Presented) The computer program product of claim 29,
- wherein the computer-readable program code devices configured to cause a com-
- 3 puter to determine whether layer pixels for any remaining layers should be proc-
- 4 essed comprise computer-readable program code devices configured to cause a com-
- 5 puter to determine whether the accumulator opacity value indicates full opacity.
- 31. (Original) The computer program product of claim 29, wherein the com-
- 2 puter-readable program code devices configured to cause a computer to select one of
- 3 the layers comprise computer-readable program code devices configured to cause a
- 4 computer to select a topmost remaining layer in the set of at least two layers.
- 32. (Previously Presented) The computer program product of claim 29,
- wherein the computer-readable program code devices configured to cause a com-
- 3 puter to output the accumulator color value comprise computer-readable program
- 4 code devices configured to cause a computer to output the accumulator color value
- 5 to a frame buffer.
- 33. (Original) The computer program product of claim 29, further compris-
- 2 ing:
- 3 computer-readable program code devices configured to cause a com-
- 4 puter to display the image.
- 34. (Original) The computer program product of claim 29, further compris-
- 2 ing:

3	computer-readable program code devices configured to cause a com-
4	puter to repeat the initializing, selecting, compositing, storing,
5	determining, and outputting for each image pixel in the defined
6	tile.
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1	35. (Original) The computer program product of claim 29, wherein the com-
2	puter-readable program code devices are configured to cause a computer to perform
3	the initializing, selecting, compositing, storing, and outputting for at least two image
4	pixels concurrently.
1	36. (Previously Presented) The computer program product of claim 29, fur-
2	ther comprising:
3	computer-readable program code devices configured to cause a com-
4	puter to, for a second image pixel in the defined tile and concur-
5	rently with the selecting, compositing, storing, and outputting
6	for the first image pixel:
7 ·	initialize a second accumulator color value;
8	select one of the layers in the set of at least two layers, the se-
9	lected layer having a second layer pixel corresponding to
10	the second image pixel, the second layer pixel having a
11	color value;
12	composite the color value of the second layer pixel with the sec-
13	ond accumulator color value;

14	store the second accumulator color value resulting from the
15	compositing;
16	determine whether layer pixels for any remaining layers in the
17	set of at least two layers should be processed;
18	responsive to the determination indicating that layer pixels for
19	any remaining layers should be processed, repeat the ini-
20	tializing, selecting, compositing, storing, and determining
21	steps; and
22	output the second accumulator color value.
1 .	37. (Original) The computer program product of claim 29, wherein at least one of the layers in the set of at least two layers is non-rectangular.
1	38. (Original) The computer program product of claim 29, wherein at least
2	one pixel of at least one of the layers in the set of at least two layers is transparent,
3	and wherein the computer-readable program code devices configured to cause a
4	computer to composite the color value of the layer pixel with the accumulator color
5	value comprise computer-readable program code devices configured to cause a com-
6	puter to:
7	responsive to the layer pixel being transparent, retain the accumulator
8	color value; and
9	responsive to the layer pixel not being transparent, composite the color
10	value of the layer pixel with the accumulator color value.

1	39. (Original) The computer program product of claim 29, further com-
2	prising:
3	computer-readable program code devices configured to cause a com-
4	puter to define as a second tile an area of overlap between a set
5	of at least two layers, the second tile comprising a second subset
6	of the image pixels; and
7	computer-readable program code devices configured to cause a com-
8	puter to repeat the initializing an accumulator color value, select-
9	ing one of the layers, compositing, storing, repeating, and out-
10	putting, for the second defined tile.
1	40. (Original) The computer program product of claim 29, wherein each layer
2	comprises a window, and wherein the image comprises a display for a windowing
3	system.
1	41. (Original) The computer program product of claim 29, wherein a first one
2	of the layers in the set overlaps a second one of the layers in the set, and wherein

readable program code devices configured to cause a computer to define as a tile an

first layer lies within the bounds of the second layer, and wherein the computer-

each layer comprises bounds defined by edges, and wherein at least one edge of the

6 area of overlap comprises:

7	computer-readable program code devices configured to cause a com-
8	puter to subdivide the second layer along a line corresponding
9	to an extension of the at least one edge of the first layer that lies
10	within the bounds of the second layer.

42. (Previously Presented) The computer program product of claim 29, wherein:

the computer-readable program code devices configured to cause a computer to select one of the layers comprise computer-readable program code devices configured to cause a computer to select one of the layers in the set of at least two layers, the selected layer having a layer pixel corresponding to the image pixel, the layer pixel having a color value and an alpha value; and the computer-readable program code devices configured to cause a computer to composite the color value of the layer pixel with the accumulator color value are configured to cause a computer to use at least one of the opacity value of the layer pixel, the fade value of the selected layer and the accumulator opacity value to composite the color value.

43. (Previously Presented) A system for combining at least two overlapping layers to render an image, the image containing a plurality of image pixels, each overlapping layer containing a plurality of layer pixels, each layer pixel corresponding to one of the image pixels, wherein each layer pixel has an opacity value and

ing to one of the image pixels, wherein each layer pixel has an opacity value and CASE 6593 - 17 -

5	wherein at least one of the overlapping layers has a lade value that specifies all over-
6	all opacity of the at least one of the overlapping layers, the system comprising:
7	tile subdividing means, for defining a tile, the tile comprising a subset
8	of the image pixels delimited according to an area of overlap
9	among a set of at least two layers, so that a first portion of the
10	image lies within the tile and a second portion of the image lies
11	outside the tile;
12	accumulating means for initializing an accumulator color value and an
13	accumulator opacity value for at least one image pixel in the de-
14	fined tile;
15	layer selecting means, for successively selecting each of at least a subse
16	of the layers in the set of at least two layers, each selected layer
17	having a layer pixel corresponding to the image pixel, the layer
18	pixel having a color value;
19	compositing means, coupled to the layer selecting means and to the ac-
20	cumulating means, for, for each successively selected layer,
21	compositing the color value of the layer pixel with the ac-
22	cumulator color value, and compositing at least one of the opac-
23	ity value of the layer pixel and the fade value of the selected
24	layer with the accumulator opacity value, and storing the results
25	in the accumulating means; and
26	output means, coupled to the accumulating means, for outputting the
27	accumulator color value;

28	wherein in combining the overlapping layers, the accumulating means,
29	the layer selecting means, and the compositing means process
30	the first portion of the image distinctly from the second portion
31 .	of the image;
32	wherein, for each defined tile, the set of layers that overlap within the
33	tile is homogenous throughout the entirety of the tile.
1	44. (Previously Presented) The system of claim 43, wherein the subset of
2	overlapping layers selected by the layer selecting means is determined responsive to
3	a comparison of the accumulator opacity value with a full opacity value.
1	45. (Original) The system of claim 43, wherein the layer selecting means successively selects layers by selecting a topmost remaining layer in the set of at least
2	
3	two layers.
1	46. (Previously Presented) The system of claim 43, wherein the output means
2	outputs the accumulator color value to a frame buffer.
1	47. (Original) The system of claim 43, further comprising display means, cou-
2	pled to the output means, for displaying the image.
1	48. (Original) The system of claim 43, wherein each of the layer selecting
2	means, compositing means, accumulating means, and output means operates on
3	each image pixel in the defined tile.

1	49. (Original) The system of claim 43, wherein each of the layer selecting
2	means, compositing means, accumulating means, and output means operates on a
3	least two image pixels concurrently.

50. (Previously Presented) The system of claim 43, wherein the accumulating means initializes a second accumulator color value for a second image pixel in the defined tile, and wherein:

of at least a subset of the layers in the set of at least two layers
having a layer pixel corresponding to the first image pixel, selects one of the layers in the set of at least two layers having a
second layer pixel corresponding to the second image pixel, the
second layer pixel having a color value;
the compositing means, concurrently with compositing the first color
value of the layer pixel with the accumulator color value, composites the color value of the second layer pixel with the second
accumulator color value and stores the result in the accumulating means; and
the output means outputs the second accumulator color value.

51. (Original) The system of claim 43, wherein at least one of the layers in the set of at least two layers is non-rectangular.

1	52. (Original) The system of claim 43, wherein at least one pixel of at least one
2	of the layers in the set of at least two layers is transparent, and wherein the composit-
3	ing means:
4	responsive to the layer pixel being transparent, retains the accumulator
5	color value; and
6	responsive to the layer pixel not being transparent, composites the color
7	value of the layer pixel with the accumulator color value.
1	53. (Previously Presented) The system of claim 43, wherein:
2	the tile subdividing means defines as a second tile a second area of
3	overlap between a second set of at least two layers, the tile com-
4	prising a second subset of the image pixels;
5	the accumulating means initializes a second accumulator color value
6	for at least one image pixel in the second defined tile;
7	the layer selecting means successively selects each of at least a subset of
8	the layers in the second set of at least two layers, each selected
9	layer having a layer pixel corresponding to the image pixel, the
10	layer pixel having a color value;
11	the compositing means, for each successively selected layer, composites
12	the color value of the layer pixel with the second accumulator
13	color value and stores the result in the accumulating means; and
14	the output means outputs the second accumulator color value.

- 54. (Original) The system of claim 43, wherein each layer comprises a window, and wherein the image comprises a display for a windowing system.
 - 55. (Original) The system of claim 43, wherein a first one of the layers in the set overlaps a second one of the layers in the set, and wherein each layer comprises bounds defined by edges, and wherein at least one edge of the first layer lies within the bounds of the second layer, and wherein the tile subdividing means comprises:

 means for subdividing the second layer along a line corresponding to an extension of the at least one edge of the first layer that lies within the bounds of the second layer.
- 56. (Previously Presented) The system of claim 43, wherein the compositing
 means composites the color value of the layer pixel with the accumulator color value
 using at least one of the opacity value of the layer pixel, the fade value of the selected
 layer and the accumulator opacity value.
- 57. (Previously Presented) In an image containing a plurality of layers,
 wherein a first one of the layers overlaps a second one of the layers, and wherein
 each layer comprises bounds defined by edges, and wherein at least one edge of the
 first layer lies within the bounds of the second layer, a method of subdividing tiles,
 comprising:
- subdividing the second layer along a straight line corresponding to an

 extension of the at least one edge of the first layer that lies within

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8	the bounds of the second layer, to obtain two tile subdivisions;
9	and
10	storing, in a tile list, a representation of at least a subset of the obtained
11	tile subdivisions;
12	wherein, for each tile, the set of layers that overlap within the tile is
13	homogenous throughout the entirety of the tile and wherein at
14	least one of the plurality of layers has a fade value that specifies
15	an overall opacity of the at least one of the plurality of layers.
1	58. (Original) The method of claim 57, further comprising:
2	repeating the subdividing step using at least one of the obtained tile
3	subdivisions.
1	59. (Original) The method of claim 57, further comprising:
2	joining at least two adjacent tile subdivisions in the tile list.
1	60. (Original) The method of claim 57, further comprising:
2	responsive to at least two adjacent tile subdivisions including portions
3	of the same set of identical layers as one another, joining the at
4	least two adjacent tile subdivisions in the tile list.
1	61. (Previously Presented) In a device containing an image having a plurality
2	of layers, wherein a first one of the layers overlaps a second one of the layers, and
3	wherein each layer comprises bounds defined by edges, and wherein at least one

4	edge of the first layer lies within the bounds of the second layer, a system for subdi-
5	viding tiles, comprising:
6	a tile subdivider, for subdividing the second layer along a straight line
7	corresponding to an extension of the at least one edge of the first
8	layer that lies within the bounds of the second layer, to obtain
9	two tile subdivisions; and
10	a tile list, coupled to the tile subdivider, for storing a representation of
11	at least a subset of the obtained tile subdivisions;
12	wherein, for each tile, the set of layers that overlap within the tile is
13	homogenous throughout the entirety of the tile and wherein at
14	least one of the plurality of layers has a fade value that specifies
15	an overall opacity of the at least one of the plurality of layers.
1	62. (Original) The system of claim 61, wherein:
2	the tile subdivider repeats the subdividing using at least one of the ob-
3	tained tile subdivisions.
1	63. (Original) The system of claim 61, further comprising:
2	a tile joiner, coupled to the tile list, for joining at least two adjacent tile
3	subdivisions in the tile list.
. 1	64. (Original) The system of claim 61, further comprising:
2	a tile joiner, coupled to the tile list, for, responsive to at least two adja-
3	cent tile subdivisions including portions of the same set of iden-

4	tical layers as one another, joining the at least two adjacent tile
5	subdivisions in the tile list.

1	65. (Previously Presented) A computer program product comprising a com-
2	puter-usable medium having computer-readable code embodied therein for subdi-
3	viding tiles in an image containing a plurality of layers, wherein a first one of the
4	layers overlaps a second one of the layers, and wherein each layer comprises bounds
5	defined by edges, and wherein at least one edge of the first layer lies within the
6	bounds of the second layer, comprising:
7	computer-readable program code devices configured to cause a com-
8	puter to subdivide the second layer along a straight line corre-
9	sponding to an extension of the at least one edge of the first layer
10	that lies within the bounds of the second layer, to obtain two tile
11	subdivisions; and
12	computer-readable program code devices configured to cause a com-
13	puter to store, in a tile list, a representation of at least a subset of
14	the obtained tile subdivisions;
15	wherein, for each tile, the set of layers that overlap within the tile is
16	homogenous throughout the entirety of the tile and wherein at
17	least one of the plurality of layers has a fade value that specifies
18	an overall opacity of the at least one of the plurality of layers.

66. (Original) The computer program product of claim 65, further compris-

2 ing:

3	computer-readable program code devices configured to cause a com-
4	puter to repeat the subdividing using at least one of the obtained
5	tile subdivisions.
1	67. (Original) The computer program product of claim 65, further compris-
2	ing:
3	computer-readable program code devices configured to cause a com-
4	puter to join at least two adjacent tile subdivisions in the tile list.
1	68. (Original) The computer program product of claim 65, further compris-
2	ing:
3	computer-readable program code devices configured to cause a com-
4	puter to, responsive to at least two adjacent tile subdivisions in-
5	cluding portions of the same set of identical layers as one an-
6	other, join the at least two adjacent tile subdivisions in the tile
7	list.
1	69. (Previously Presented) In a device containing an image having a plurality
2	of layers, wherein a first one of the layers overlaps a second one of the layers, and
3	wherein each layer comprises bounds defined by edges, and wherein at least one
4	edge of the first layer lies within the bounds of the second layer, a system for subdi-
5	viding tiles, comprising:
6	tile subdividing means, for subdividing the second layer along a
7	straight line corresponding to an extension of the at least one

8	eage of the first layer that hes within the bounds of the second
9	layer, to obtain two tile subdivisions; and
10	tile list storage means, coupled to the tile subdividing means, for stor-
11	ing a representation of at least a subset of the obtained tile sub-
12	divisions;
13	wherein, for each tile, the set of layers that overlap within the tile is
14	homogenous throughout the entirety of the tile and wherein at
15	least one of the plurality of layers has a fade value that specifies
16	an overall opacity of the at least one of the plurality of layers.
1 2 3	70. (Original) The system of claim 69, wherein: the tile subdividing means repeats the subdividing using at least one of the obtained tile subdivisions.
1	71. (Original) The system of claim 69, further comprising:
2	tile joining means, coupled to the tile list storage means, for joining at
3	least two adjacent tile subdivisions in the tile list.
1	72. (Original) The system of claim 69, further comprising:
2	tile joining means, coupled to the tile list storage means, for, responsive
3	to at least two adjacent tile subdivisions including portions of
4	the same set of identical layers as one another, joining the at least
5	two adjacent tile subdivisions in the tile list.